Task ID# 2378

FORM MR-LMO
(Revised June 2007)

FOR DIVISION USE ONLY
File #: M / 039 / 0026
Date Received: 5/1/08
DOGM Lead: Lynn Kunzler
Permit Fee $ 350.00 Ck # 22441

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1594 West North Temple Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
Telephone: (801) 538-5291 Fax: (801) 359-3940

NOTICE OF INTENTION TO COMMENCE LARGE MINING OPERATIONS

The informational requirements in this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1953, General Rules and Rules of Practice and Procedures.

This form applies only to mining operations which disturb or will disturb more than five acres at any given time.

"MINING OPERATIONS" means those activities conducted on the surface of the land for the exploration for, development of, or extraction of a mineral deposit, including, but not limited to, surface mining and the surface effects of underground and in situ mining, on-site transportation, concentrating, milling, evaporation, and other primary processing.

"Mining operation" does not include: the extraction of sand, gravel, and rock aggregate; the extraction of oil and gas as defined in Chapter 6, Title 40; the extraction of geothermal steam; smelting or refining operations; off-site operations and transportation; or reconnaissance activities which will not cause significant surface resource disturbance or involve the use of mechanized earth-moving equipment such as bulldozers or backhoes.

PLEASE NOTE: *This form is to be used as a guideline in assembling the information necessary to satisfy the Large Mining Operations Notice of Intention requirements.* ***You will need extra space to provide a majority of the information requested****. Please provide the information on additional sheets and include cross-referenced page numbers as necessary. The Permittee / Operator may submit this information on an alternate form; however, the same or similar format must be used.*

RECEIVED
MAY 01 2008
DIV. OF OIL, GAS & MINING

0001

I. Rule R647-4-104 - Operator(s), Surface and Mineral Owners

The Permittee / Operator must provide the name, address and telephone number of the individual or company who will be responsible for the proposed operation. **Business entities listed as the Permittee / Operator, must include names and titles of the corporate officers on a separate attachment.**

1. **Mine Name**: Gold Buckle Mine

2. Legal name of entity (or individual) for whom the permit is being requested: Nicolson Construction Inc.
   Mailing Address: PO Box 946
   City, State, Zip: Orem UT 84054
   Phone: 801-785-7380 Fax: 801-785-7328
   E-mail Address: nicolsonconst@hotmail.com

   Type of Business: Corporation (X) LLC ( ) Sole Proprietorship (dba) ( )

   Partnership ( ) General_____ or _____limited
   Or:
   Individual ( )

   Entity must be registered (and maintain registration) with the State of Utah, Division of Corporations (DOC) www.commerce.utah.gov.
   Are you currently registered to do business in the State of Utah? ☒ Yes ☐ No
   Entity # _____
   If no, contact www.commerce.utah.gov to renew or apply.
   Local Business License # _____(if required)
   Issued by: County _____or City _____

   Registered Utah Agent (as identified with the Utah Department of Commerce) *(if individual leave blank)*:
   Name:_____
   Address:_____
   City, State, Zip:_____
   Phone: _____ Fax:_____
   E-mail Address: _____

3. **Permanent Address**: _____
   _____
   _____
   Phone: _____ Fax:_____

4. **Contact Person(s)** *Please provide as many contacts as necessary.*
   Name: DAVID L. Nicolson Title: Owner
   Address: 433 N. 600 E.
   City, State, Zip: LINDON UT 84042
   Phone: 801-785-7380 Fax: 801-785-7328
   Emergency, Weekend, or Holiday Phone: 801-420-0405
   E-mail Address: david.davenic@gmail.com

Contact person to be notified for: permitting (X) surety (X) Notices (X) (please check all that apply)

5. **Location of Operation**:
County(ies) Sanpete County
SE 1/4 of NE 1/4, Section: 11 Township: 15 S Range: 4 E
NE 1/4 of SE 1/4, Section: 11 Township: 15 S Range: 4 E
_____1/4 of _____ 1/4, Section: _____ Township: _____ Range: _____

The names of the surface and mineral owners for any areas which are to be impacted by mining must be provided to the Division. This list should include all private, state and federal ownership and the owners of lands immediately adjacent to the project areas.

6. **Ownership of the land surface** (circle all that apply):
(Private (Fee)), Public Domain (BLM), National Forest (USFS), State of Utah (SITLA) or other:

Name: Kenneth D. Palmer & Trustees Address: 1000 Palmer Dr. Mt. Pleasant, UT 84647-2126
Name: _____ Address: _____
Name: _____ Address: _____
Name: _____ Address: _____

7. **Owner(s) of record of the minerals to be mined** (circle all that apply):
(Private (Fee)), Public Domain (BLM), National Forest (USFS), State of Utah (SITLA) or other:

Name: Kenneth D. Palmer Address: 1000 Palmer Dr. Mt Pleasant, UT 84647-2126
Name: _____ Address: _____
Name: _____ Address: _____
Name: _____ Address: _____

8. **BLM Lease or Project File Number(s) and/or USFS Assigned Project Number(s):** _____

BLM Claim Numbers: _____

Utah State Lease Number(s): _____

Name of Lessee(s): _____

9. **Adjacent land owners:** See Attached Sheet

Name: _____ Address: _____
Name: _____ Address: _____
Name: _____ Address: _____
Name: _____ Address: _____

10. **Have the land, mineral and adjacent land owners been notified in writing**?
Yes X No _____

If no, why not? _____

11. **Does the Permittee / Operator have legal right to enter and conduct mining operations on the land covered by this notice**? Yes X No _____.

Adjacent Land Owners

SANPETE COUNTY CORPORATION

Taxroll Owners/Interest/Legals

Parcel Order

03/12/2008
1:10PM

Parcel Number	Primary/Secondary Owners	Mailing Address/Interest	City	ST	Zip Code
0000026289	JOHNSON ROSS H ETAL	3201 EMIGRATION CYN	SALT LAKE CITY	UT	84108-0000
Acres: 16.29	BROWN EDWIN G ETAL BROWN CARMA J ETAL JOHNSON SELMA ANN ETAL JOHNSON SELMA A ETAL				
	BEG 10.52 C S CTR SEC 11-15-4E E 19.64 C,N 20.69 C,E .17 C,S 24.50 C,W 5.50 C,S 5.50 C,W 14.50 C,N 9.48 C TO BEG CONT 16.29 AC				
0000026291	SMITH N ROSS ETAL JT	14416 N HIGHWAY 34	THATCHER	ID	83283-0000
Acres: 20.00	SMITH LEONE S ETAL JT				
	BEG 80 RDS S NW COR NE1/4,SEC 11-15-4E E 80 RDS,S 40 RDS,W 80 RDS,N 40 RDS TO BEG CONT 20 AC				
0000026292	NORTH SANPETE BOARD OF ED	41 W MAIN ST	MT PLEASANT	UT	84647-0000
Acres: 0.00					
	BEG CTR SEC 11-15-4E S 10.52 C,E 19.64 C,N 20.69 C,W 19.83 C,N 10 C,W 18 C,S 5.05 C,S54°51'56"E 22.10 C,S 2.50 C TO BEG CONT 60.94 AC				
0000026293	COATES BERNICE J TRUSTEE	145 E 200 S # 96	MT PLEASANT	UT	84647-0000
Acres: 40.00					
	NE1/4 NE1/4,SEC 11-15-4E CONT 40 AC				
0000026303	HARRIS DAVID M ETAL JT	3522 W 4850 S	TAYLORVILLE	UT	84118-0000
Acres: 3.03	HARRIS JAN W ETAL JT	(0373/0950)			
	BEG SE COR NW1/4 SE1/4 SEC 11-15-4E N 22 RDS,W 22 RDS,S 22 RDS,E 22 RDS TO BEG CONT 3.025 AC				
0000026305	STEWARDSHIP RANCHES LLC	PO BOX 369	SPRINGVILLE	UT	84663-0000
Acres: 130.00					
	NE1/4 NW1/4,NW1/4 NE1/4,SW1/4 NW1/4,SW1/4 SE1/4 NW1/4 SEC 12-15-4E CONT 130 AC				

II. Rule R647-4-105 - Maps, Drawings & Photographs

105.1 - Base Map

A complete and correct topographic base map (or maps) with appropriate contour intervals must be submitted with this notice showing all of the items on the following checklist. The scale should be approximately 1 inch = 2,000 feet (preferably a USGS 7.5 minute series or equivalent topographic map where available). The map(s) must show the location of lands to be affected in sufficient detail to allow measurement of the proposed area of surface disturbance.

Base Map Checklist

Please check off each section to verify these features are included on the map(s) or explain why it is not applicable. Please add the map identification name or number which shows these features.

Check			Map ID
✓	(a)	Property boundaries of surface ownership of all lands which are to be affected by the mining operations;	Map A See Attached
✓	(b)	Perennial, intermittent, or ephemeral streams, springs and other bodies of water; roads, buildings, landing strips, electrical transmission lines, water wells, oil and gas pipelines, existing wells or boreholes, or other existing surface or subsurface facilities within 500 feet of the proposed mining operations;	MAP B See Attached
✓	(c)	Proposed route of access to the mining operations from nearest publicly maintained highway (Map scale appropriate to show access);	Map C See Attached
✓	(d)	Known areas which have been previously impacted by mining or exploration activities within the proposed land affected; No Previous Mining	____
✓	(e)	Areas proposed to be disturbed or reclaimed over the life of the project or other suitable time period.	See attached Map A, B, C

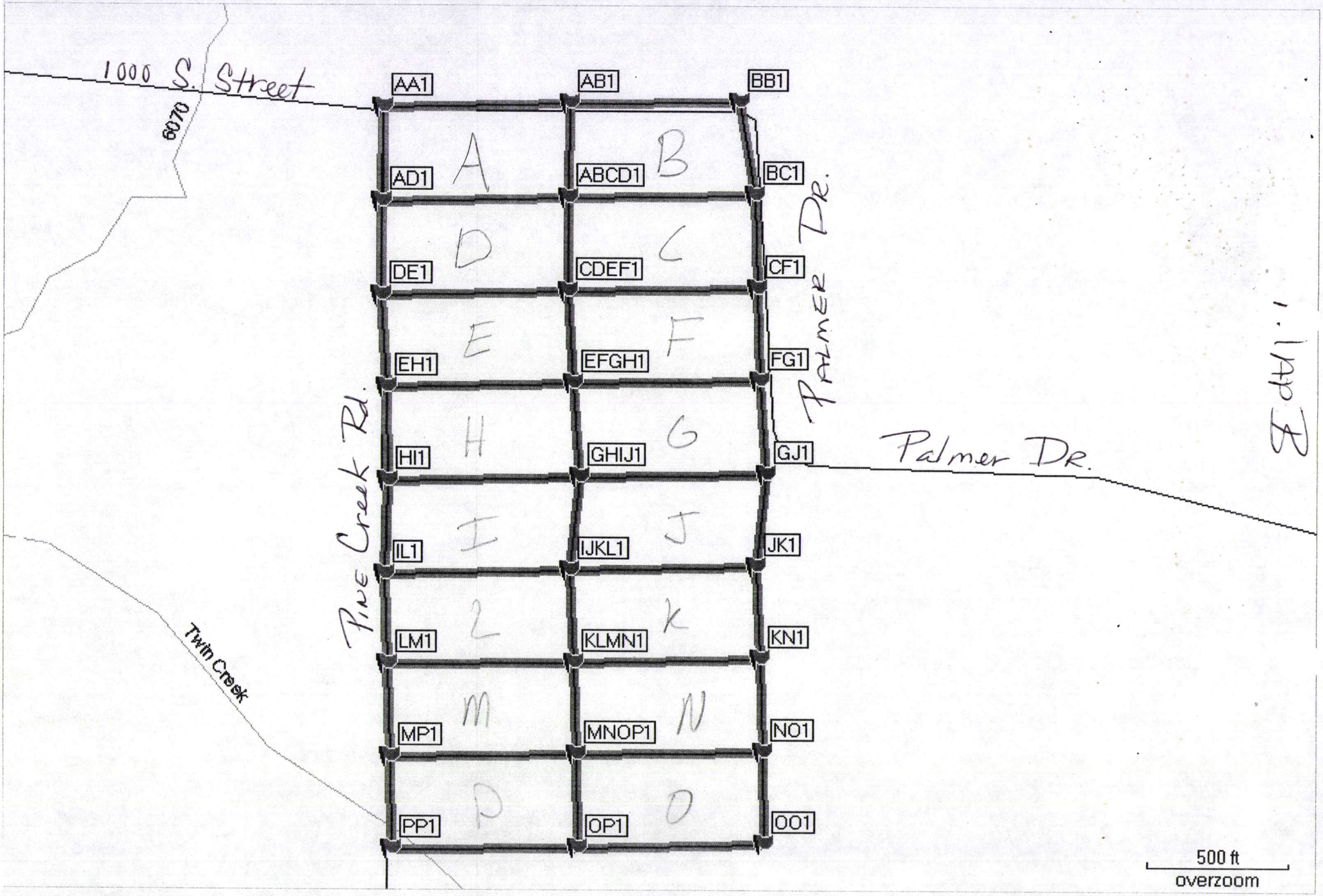
105.2 - Surface Facilities Map

Surface Facilities Map Checklist

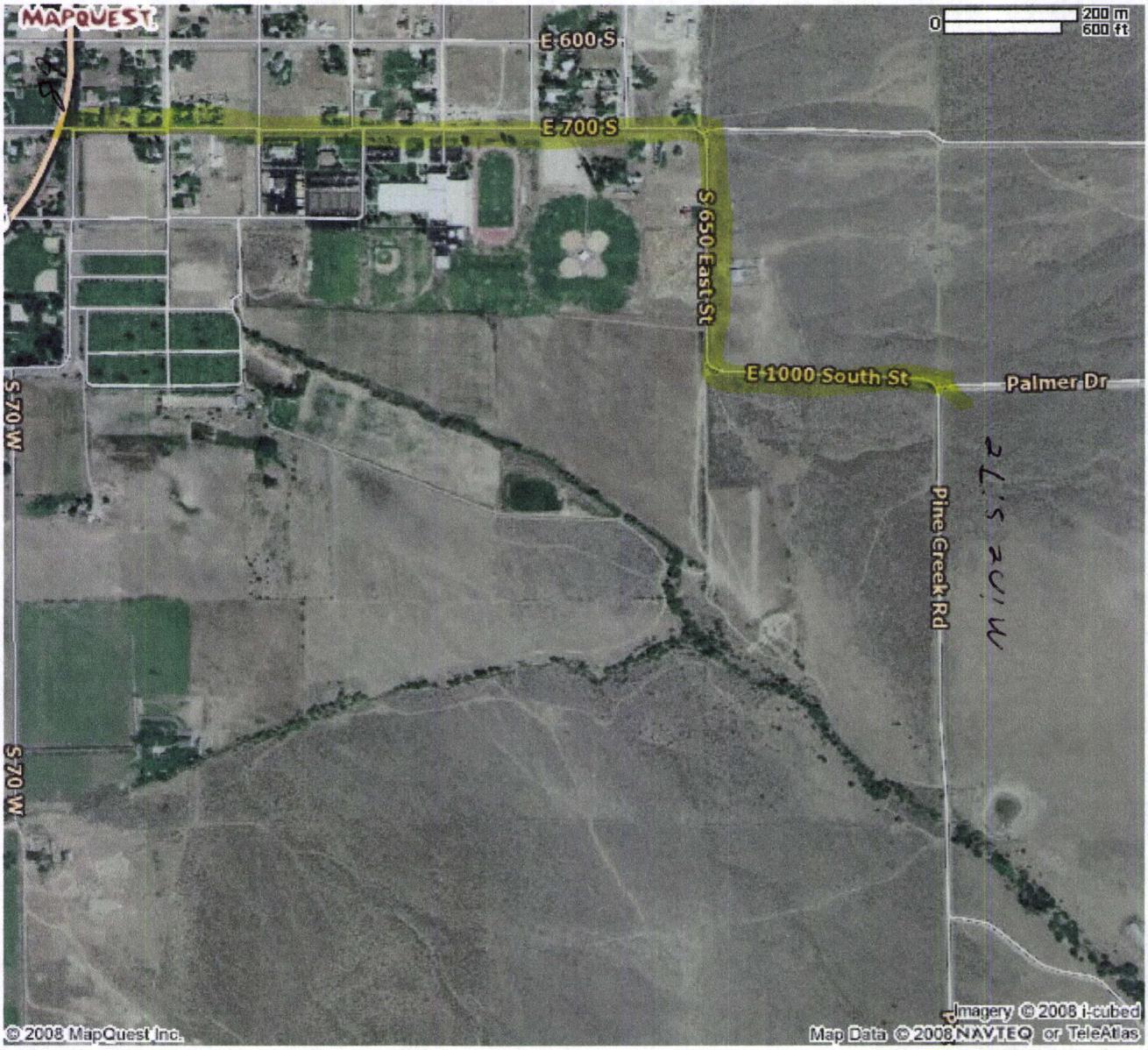
Surface facilities maps should be provided at a scale of not less than 1" = 500'.

Please check off each section to verify these features are included on the map(s) or explain why it is not applicable. Please add the map identification name or number which shows these features.

Map C



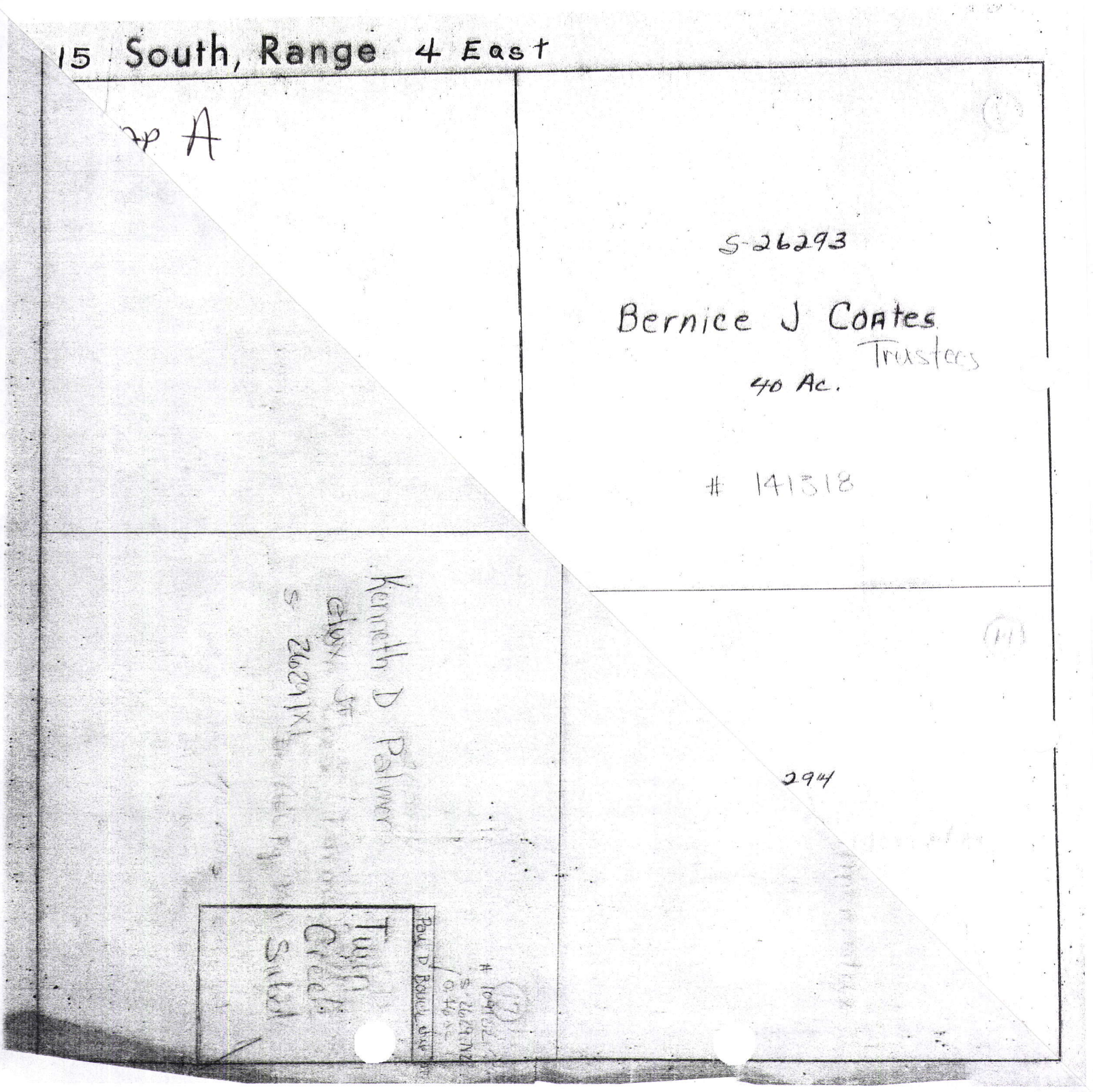
MAP C



AA1	18-JAN-08	N39 31 56.4 W111 26 14.8	6080 ft
AB1	18-JAN-08	N39 31 56.6 W111 26 06.4	6119 ft
ABCD1	18-JAN-08	N39 31 53.4 W111 26 06.4	6118 ft
AD1	18-JAN-08	N39 31 53.2 W111 26 14.9	6092 ft
BB1	18-JAN-08	N39 31 56.6 W111 25 58.7	6137 ft
BC1	18-JAN-08	N39 31 53.5 W111 25 58.0	6141 ft
CDEF1	18-JAN-08	N39 31 50.1 W111 26 06.4	6114 ft
CF1	18-JAN-08	N39 31 50.2 W111 25 57.9	6121 ft
DE1	18-JAN-08	N39 31 49.9 W111 26 14.9	6095 ft
EFGH1	18-JAN-08	N39 31 46.8 W111 26 06.2	6125 ft
EH1	18-JAN-08	N39 31 46.7 W111 26 14.6	6110 ft
FG1	18-JAN-08	N39 31 46.9 W111 25 57.7	6130 ft
GHIJ1	18-JAN-08	N39 31 43.6 W111 26 05.9	6137 ft
GJ1	18-JAN-08	N39 31 43.7 W111 25 57.4	6149 ft
HI1	18-JAN-08	N39 31 43.5 W111 26 14.5	6115 ft
IJKL1	18-JAN-08	N39 31 40.3 W111 26 06.3	6150 ft
IL1	18-JAN-08	N39 31 40.2 W111 26 14.7	6130 ft
JK1	18-JAN-08	N39 31 40.5 W111 25 57.9	6154 ft
KLMN1	18-JAN-08	N39 31 37.1 W111 26 06.1	6168 ft
KN1	18-JAN-08	N39 31 37.2 W111 25 57.7	6176 ft
LM1	18-JAN-08	N39 31 37.0 W111 26 14.6	6150 ft
MNOP1	18-JAN-08	N39 31 33.9 W111 26 06.0	6177 ft
MP1	18-JAN-08	N39 31 33.8 W111 26 14.4	6158 ft

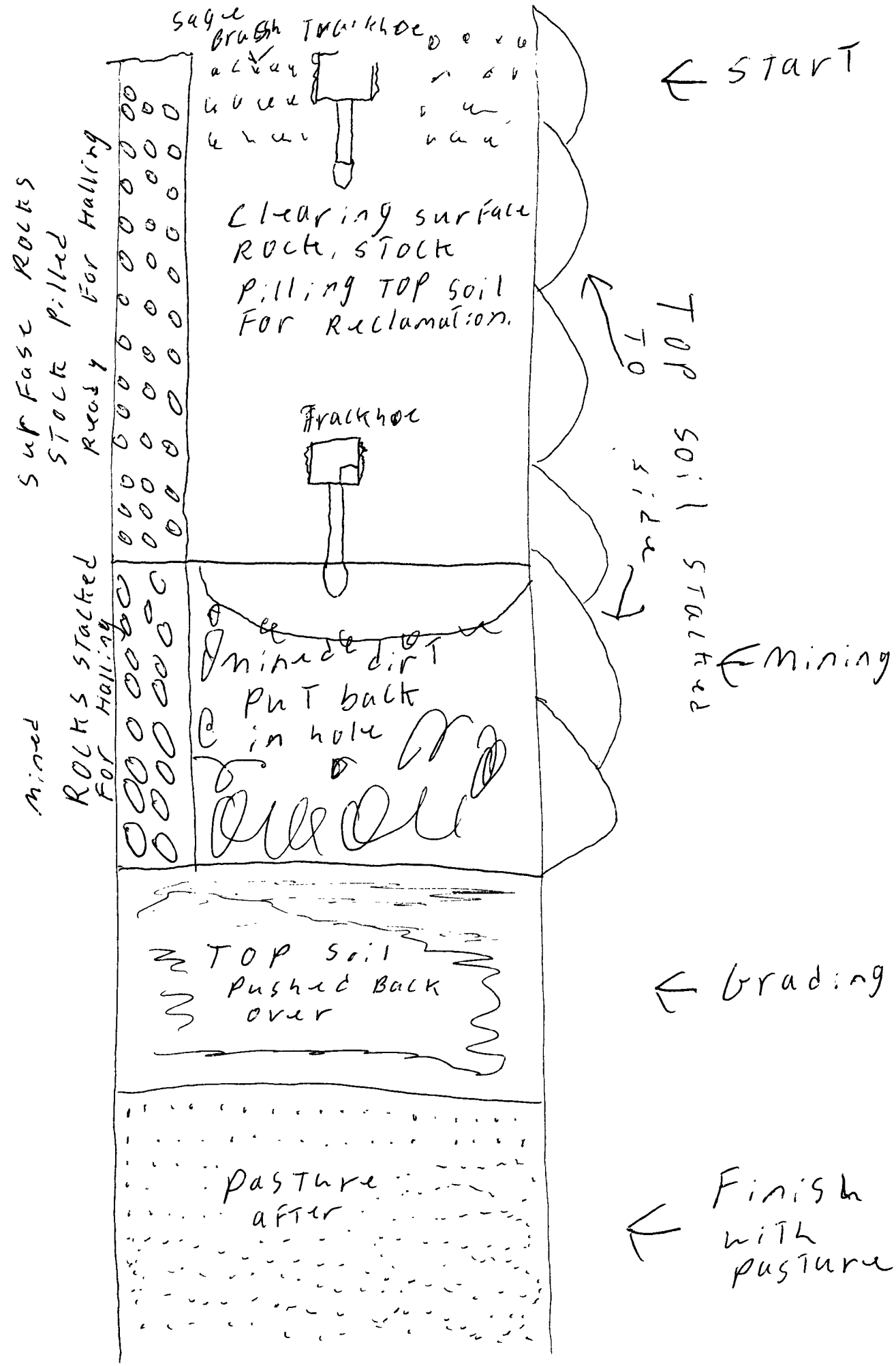
NO1	18-JAN-08	N39 31 34.0 W111 25 57.5	6192 ft
OO1	18-JAN-08	N39 31 30.7 W111 25 57.5	6203 ft
OP1	18-JAN-08	N39 31 30.6 W111 26 05.9	6194 ft
PP1	18-JAN-08	N39 31 30.5 W111 26 14.3	6180 ft

15 South, Range 4 East



MAP C

~~Blue Stake~~
~~1-800-662-4111~~


Sage Brush
Trackhoe
Start
Surface Rocks Stock Piled Ready For Hauling
Clearing surface Rock, Stock Piling TOP Soil For Reclamation.
Top Soil Stockpiled
Trackhoe
Mining
Mined Rocks Stacked For Hauling
Mined dirt Put back in hole
TOP Soil Pushed Back over
Grading
Pasture after
Finish with pasture.

Check | Map ID

N/A (a) Proposed surface facilities, including but not limited to: buildings, stationary mining/processing equipment, roads, utilities, power lines, proposed drainage control structures, and the location of topsoil storage areas, overburden/waste dumps, tailings or processed waste facilities, disposal areas for overburden, solid and liquid wastes, and wastewater discharge treatment and containment facilities; ____

✓ (b) A border clearly outlining the extent of the surface area proposed to be affected by mining operations, and the number of acres proposed to be affected; 80 Acres Map A See Attached

N/A (c) The location of known test borings, pits, or core holes. ____

105.3 - Additional Maps

Reclamation Treatments Map Checklist All areas to be reclaimed the same.

Please check off each section to verity these features are included on the map(s) or explain why it is not applicable. Please add the map identification name or number which shows these features.

Check | Map ID

N/A (a) Areas of the site to receive various reclamation treatments shaded, cross hatched or color coded to identify which reclamation treatments will be applied. Areas would include: buildings, stationary mining/processing equipment, roads, utilities, proposed drainage improvements or reconstruction, and sediment control structures, topsoil storage areas, waste dumps, tailings or processed waste facilities, disposal areas for overburden, solid and liquid wastes, ponds, and wastewater discharge, treatment and containment facilities. Reclamation treatments may include ripping, regrading, replacing soil, fertilizing, mulching, broadcast seeding, drill seeding, and hydroseeding: ____

✓ (b) A border clearly outlining the extent of the area to be reclaimed after mining, the number of acres disturbed, and the number of acres proposed for reclamation: 80 Acres Map A See Attached

N/A (c) Areas disturbed by this operation which are included in a request for a variance from the reclamation standards: ____

N/A (d) Highwalls which are proposed to remain steeper than 45 degrees and slopes which are proposed to remain steeper than 3 horizontal : 1 vertical. ____

Note: Areas included in sections c & d will need to be referenced in the variance request section. Please shade or color code these areas on this map.

Additional maps and cross sections may be required in accordance with Rule R647-4-105.3. Design drawings and typical cross-sections for each tailings pond, sediment pond, or other major drainage control structures must also be included.

III. Rule R647-4-106 - Operation Plan

106.1 - Mineral(s) to be mined: Landscape or Building Stones

106.2 - Type of Operation Conducted: See Attached Page #1

Describe the typical methods and procedures to be used in mining operations, on-site processing and concurrent reclamation. Include equipment descriptions where appropriate.

106.3 - Estimated Acreage

Acreage listed here should match areas measured off the maps provided.

Areas of actual mining:	80 Acres
Overburden/waste dumps:	None See Attached Page #1
Ore and product stockpiles:	N/A
Access/haul roads:	All roads Pre-Existing
Associated on-site processing facilities:	No Facilities
Tailings disposal:	N/A
Other - Please describe:	
Total Acreage	80

106.4 - Nature of material including waste rock/overburden and estimated tonnage

Taking surface rock - No over burden

Describe the typical annual amount of the ore and waste rock/overburden to be generated, in cubic yards. Where does the waste material originate? What is the nature of the overburden/wastes (general chemistry/mineralogy and description of geologic origin)? Will it be in the form of fines or coarse material? What are the typical particle size and size fractions of the waste rock?

Thickness of overburden:	_____ ft.
Thickness of mineral deposit:	_____ ft.
Estimated annual volume of overburden:	_____ cu. yds.
Estimated annual volume of tailings/reject materials:	_____ cu. yds.
Estimated annual volume of ore mined:	19575 ~~cu. yds.~~ tons

Overburden/waste description: _____

106.5 - Existing soil types, location of plant growth material

#1

GOLD BUCKLE TRANSPORT

A Nicolson Construction, Inc Company

Here listed below are the answers to your questions for the purpose of Gold Buckle Mining.

1. To dig out rocks and boulders.

2. First we remove the surface rocks, and then push back the top soil to the side. We then dig down about 8 feet into the ground to remove the boulders, 1' – 5' in size. As we remove the boulders we put our dirt back into the hole. After we are done digging we then put the top soil over the dirt that we dug under. We will then replant the disturbed area with dry pasture. Our goal is to leave the ground as good summer pasture.

3. We are proposing to work over 80 acres of the Palmer Farm.

4. We will work mostly five days a week, sometimes six. The hours will range from 7:00 am to 5:00 pm. There may be times that we may work up to 9:00 pm.

5. Where we are proposing to dig, there are no homes in the area. Therefore, there shouldn't be a problem with noise from the equipment, bothering anyone.

6. We are using trackhoes for the excavating and a dozer for the reclamation. We have semi trucks coming in to load the rocks during the day. We will start on the map that is broken down to five acre parcels. Starting on section A then B, all the way up to section O, total being 80 acres.
This is a small operation, we are working with the state, we have a permit with them for mining operations and are also bound with them to guarantee the ground is reclaimed.

PO Box 946, Orem, UT 84059
Contact Jared Nicolson: 801-885-0409
Jared's Email: gold_buckle@yahoo.com
Office 801-785-7380 Fax: 801-785-7328

Specific information on existing soils to be disturbed by mining will be required. General soils information may not be sufficient.

Provide specific descriptions of the existing soil resources found in the area. Soil types should be identified along with depth and extent, especially those to be directly impacted by mining.

Soils - The plan shall include an Order 3 Soil Survey (or similar) and map. This information is needed to determine which soils are suitable for stockpiling for revegetation. This soil data may be available from the local Natural Resources Conservation Service office, or if on public lands, from the land management agency. The map needs to be of such scale that soil types can be accurately determined on the ground (see Attachment I).

(a) Each soil type to be disturbed needs to be field analyzed for the following:

Depth of soil material	_____inches
Volume (for stockpiling)	_____ cu. yds.
Texture (field determination	_____
pH (field determination)	_____
(cross reference with item 106.6)	

(b) Where there are problem soil areas (as determined from the field examination) laboratory analysis may be necessary. Soil samples to be sent to the laboratory for analysis need to be about one quart in size, properly labeled, and in plastic bags. Each of the soil horizons on some sites may need to be sampled. Soil sample locations need to be shown on the soils map. Soil analysis for these samples should include: texture, pH, Ec (conductivity), CEC (Catoin Exchange Capacity), SAR, % Organic Matter, Total N, Available Phosphorus (as $P_2 0_5$), Potassium (as $K_2 0$), and acid/base potential.

106.6 - Plan for protecting and redepositing existing soils

Thickness of soil material to be salvaged and stockpiled:	_____ inches
Area from which soil material can be salvaged: (show on map)	_____ acres
Volume of soil to be stockpiled:	_____ cu. yds.
(cross reference with item 106.5 (a))	

Describe how topsoil or subsoil material will be removed, stockpiled and protected.
Removing stone from soil materials s leaving soil in place for reclamation.

106.7 - Existing vegetative communities to establish revegetation success

Vegetation - The Permittee / Operator is required to return the land to a useful condition and reestablish at least 70 percent of the premining vegetation ground cover.

Provide the Division with a description of the plant communities growing onsite and the percent vegetation cover for each plant community located on the site. Describe the methodology used to obtain these values.

The percent ground cover is determined by sampling the vegetation type(s) on the areas to be mined (see Attachment I for suggested sampling methods).

(a) Vegetation Survey - The following information needs to be completed based upon the vegetation survey:

Sampling method used: 100 ft. tape Every 10 feet
Number of plots or transects (10 minimum): 15

Ground Cover	Percent
Vegetation (perennial grass, forb and shrub cover)	34.5
Litter	0
Rock/rock fragments	28
Bare ground	37.33
	100%

Revegetation Requirement
(70 percent of above vegetation figure): 24.2 %

Indicate the vegetation community(ies) found at the site.

List the predominant perennial species of vegetation growing in each vegetation community type.

(b) Photographs - The Permittee / Operator may submit photographs (prints) of the site to show existing vegetation conditions. These photographs should show the general appearance and condition of the area to be affected and may be utilized for comparison upon reclamation of the site. Photographs should be clearly marked as to the location, orientation and the date they were taken.

106.8 - Depth to groundwater, overburden material & geologic setting Not mining at depth No expected impacts to ground water

Describe the approximate depth to groundwater in the vicinity of the operation based on the completion of any monitoring or water wells in the area. Please show the location of these wells on the base map.

Depth to groundwater _____ ft.

Provide a narrative description of the geology of the area and/or a geologic cross section.

106.9 - Location and size of ore and waste stockpiles, tailings and treatment ponds, and discharges

Describe the location and size of any proposed waste/overburden dumps, stockpiles, tailings facilities and water storage or treatment ponds.

Describe how overburden material will be removed and stockpiled.

Describe how tailings, waste rock, rejected materials, etc. will be disposed of.

Describe the acreage and capacity of waste dumps, tailings ponds and water storage ponds to be constructed. All impoundments must include the necessary hydrologic calculations to determine if they are adequately sized to handle storm events.

Describe any proposed effluent discharge points (UPDES) and show their location on the surface facilities map. Give the proposed discharge rate and expected water quality. Attach chemical analyses of such discharge if available.

IV. R647-4-107 - Operation Practices

During operations, the Permittee / Operator shall conform to the practices listed under this section of the Minerals Rules unless the Division grants a variance in writing.

Describe measures taken to minimize hazards to public safety during mining operations regarding:

the closing or guarding of shafts and tunnels to prevent unauthorized or accidental entry in accordance with MSHA regulations;

the disposal of trash, scrap metal, wood and extraneous debris;

the plugging or capping of drill, core or other exploratory holes;

the posting of appropriate warning signs in locations of public access to operations;

the construction of berms, fences or barriers above highwalls or other excavations.

If any of these safety measures are unnecessary, please explain why.

Describe measures taken to avoid or minimize environmental damages to natural drainage channels which will be affected by this mining operation.

Describe measures taken to control and minimize sediment and erosion on areas affected by this mining operation. Describe measures being taken to prevent sediment from leaving the disturbed area.

Identify any potentially deleterious materials that may be stored on site (including fuel, oil, processing chemicals, etc.) and describe how they will be handled and stored.

Describe the measures taken to salvage and store soils to be used in reclamation.

Describe how stockpiled topsoil will be protected from erosion and further impact.

Please describe any reclamation to be done during active mining operations prior to final closure. Reference these areas on a map.

V. Rule R647-108 - Hole Plugging Requirements

No drilling with this operation.

All drill holes which will not eventually be consumed by mining must be plugged according to the methods listed in this section. Describe the location of any aquifers encountered by drilling and the method to be used to plug such water containing holes. Describe the method to be used for plugging holes not containing water.

VI. Rule R647-109 - Impact Statement

109.1 - Surface and groundwater systems

Describe impacts to surface or groundwater which could be caused by this mining operation. Describe how these impacts will be monitored and mitigated. The appropriate groundwater and stormwater control permits need to be obtained from the Division of Water Quality. Please reference any such permits.

109.2 - Wildlife habitat and endangered species

Describe the impacts on wildlife habitat associated with this operation. Describe any impacts to big game species found in the area. Describe any impacts to riparian areas. Describe any impacts this operation will have on waterfowl (fly-over, temporary resident or permanent resident). List any threatened or endangered wildlife species found in the area. Describe impacts to threatened or endangered species and their habitats. Describe measures to be taken to minimize or mitigate any impacts to wildlife or endangered species.

109.3 - Existing soil and plant resources

Describe impacts to the existing soil and plant resources in the area to be affected by mining operations. Describe impacts to riparian or wetland areas which will be affected by mining. Describe impacts to threatened or endangered plant species. Describe measures to be taken to minimize or mitigate any impacts to soil and plant resources.

109.4 - Slope stability, erosion control, air quality, public health & safety

No Steep Slopes, Operations on relatively flat ground.

Describe the impacts this mining operation will have on slope stability, erosion, air quality, public health and safety. Include descriptions of highwall and slope configurations and their stability. Air quality permits from the Utah Division of Air Quality may be required for mining operations. Please reference any such permits.

Describe measures to be taken to minimize or mitigate impacts to slope stability, erosion, air quality, or public health and safety.

VII. Rule R647-4-110 - RECLAMATION PLAN

110.1 - Current land use and postmining land use

Current or premining land use(s) [other than mining]: Grazing

List future post-mine land-use(s) proposed: Grazing

(Develop the reclamation plan to meet proposed post-mine land use.)

110.2 - Reclamation of roads, highwalls, slopes, leach pads, dumps, etc.

Describe how the following features will be reclaimed: roads, highwalls, slopes, impoundments, drainages and natural drainage patterns, pits, ponds, dumps, shafts, adits,8 drill holes and leach pads. Describe the configuration of these features after final reclamation. Describe the rinsing and neutralization of leach pads associated with final decommissioning.

Describe how roads will be reclaimed. Road reclamation may include: regrading cut and fill sections, ripping the road surface with a dozer, topsoil replacement, construction of water bars, construction of traffic control berms or ditches, and reseeding.

Describe how highwalls will be reclaimed. Highwall reclamation may include: drilling and blasting, backfilling, regrading, topsoil replacement, and reseeding.

Describe how slopes will be reclaimed. Slope reclamation may include: regrading to a 3 horizontal : 1 vertical (3h:1v) configuration, topsoil replacement, contour ripping, pitting, and reseeding.

Describe how impoundments, pits and ponds will be reclaimed. Include the final elevations and final disposition of the drainage in and around the impoundment. If the impoundment, pit, or pond is intended to be left as part of the post-mining land use, then an agreement with the land managing agency/owner is required. Structures to remain must be left in a stable condition.

Include the final size of the impoundment, pit, pond in acre-feet of storage and the capacity of the spillway to safely pass storm events.

Impoundments, pits, and ponds, which are not approved as part of the post mining land use shall be reclaimed, free draining, and the natural drainage patterns restored.

Describe how drainages will be reclaimed. Drainage reclamation would include: the reestablishment of a natural drainage pattern which fits in with the upstream and

downstream cross-section of existing drainage in the vicinity of the disturbance; the reestablishment of a stable channel in the reclaimed reach of channel, using the necessary armoring to prevent excessive erosion and downstream sedimentation.

Include cross-sections and profiles of reestablished channels to demonstrate compatibility with existing drainage characteristics.

Describe how waste dumps will be reclaimed. Waste dump reclamation may include regrading to a 3h:1v configuration, topsoil replacement, mulch or biosolids applications, contour ripping or pitting, and reseeding. Characterization of the physical and chemical nature of the waste dump materials should be provided.

Describe how shafts and adits will be reclaimed. Reclamation of shafts may include: backfilling, installation of a metal grate, installation of a reinforced concrete cap, topsoil replacement and reseeding. Reclamation of adits may include: backfilling, installation of a block wall, installation of a metal grate, topsoil replacement and reseeding.

Describe how drill holes will be reclaimed. Drill hole reclamation must be consistent with the rules for plugging drill holes (R647-4-108). Reclamation of plugged drill holes may include topsoil replacement and reseeding.

Describe how tailings areas will be reclaimed. Tailings reclamation may include: dewatering, neutralization, placement of cap materials, placement of subsoil materials, topsoil replacement and reseeding. Characterization of the physical and chemical makeup of the tailings material should be provided.

Describe how leach pads will be reclaimed. Reclamation of leached materials may include: neutralization or leached materials, rinsing of leached materials, dewatering leached materials, regrading slopes of leached materials to 3h:1v, extending pad liners, placement of capping materials, placement of subsoil materials, mulch or biosolids application, topsoil replacement and reseeding. Characterization of the physical and chemical makeup of the leached materials should be provided. Post closure monitoring and collection of drain down fluids should also be addressed.

NOTE: The Minerals Rules require overall highwall angles of no more than 45° at final reclamation unless a variance is granted. All dump or fill slopes should be left at an angle of 3h:1v or less. Any slopes steeper than 3h:1v must be reclaimed using state-of-the-art surface stabilization technology. Pit benches exceeding 35 feet in width should be topsoiled, or covered with fines, and revegetated.

Describe the final disposition of any stockpiled materials on site at the time of final reclamation.

110.3 - Surface facilities to be left No facilities

Describe any surface facilities which are proposed to remain on-site after reclamation (buildings, utilities, roads, drainage structures, impoundments, etc.). Describe their post-mine application. *Justification for not reclaiming these facilities must be included in the variance request section.*

110.4 - Treatment, location and disposition of deleterious materials No fuel stored on site, Equipment fueled with fuel truck.

Describe the nature and extent of any deleterious or acid forming materials located on-site. Describe how these materials will be neutralized, removed, or disposed of on site. Describe how buildings, foundations, trash and other waste materials will be disposed of.

110.5 - Revegetation planting program and topsoil redistribution

Describe the revegetation tasks to be performed in detail. For example, will ripping, mulching, fertilizing, seeding and scarifying of these areas be performed and if so, how will this be accomplished? Correlate this information with the Reclamation Treatments Map.

a) Soil Material Replacement

In order to reestablish the required ground cover, one to two feet (depending on underlying material) of suitable soil material usually has to be redistributed on the areas to be reseeded. If the stockpiled soil isn't sufficient for this, soil borrow areas will need to be located.

Describe the volume of soils and approximate depth of soil cover to be used in reclamation. Describe the source of these soils and provide an agronomic analysis of the soils. If soils will not be used describe the alternative material or amendments to be applied in lieu of soils. Describe the methods used to transport and place soils.

b) Seed Bed Preparation

Describe how the seedbed will be prepared and equipment to be used.
The Division recommends ripping or discing to a minimum of 12 inches and leaving the seed bed surface in as roughened condition as possible to enhance water harvesting, erosion control and revegetation success. Compacted surfaces such as roads and pads should be deep ripped a minimum of 18 inches.

c) Seed Mixture - List the species to be seeded:

Provide a seed mix listing adaptable plant species and the rate of seeding that will be used at the site for reclamation. More than one seed mix may be needed, depending upon the areas to be reclaimed. Keep the proposed post-mining land use in mind when developing seed mixes.

Example

Species Name	Common Name	Seeding Rate (lbs Pure Live Seed/Acre)

Total lbs/acre _____

(The Division recommends seeding 12-15 lbs./acre of native and introduced adaptable species of grass, forb, and browse seed for drill seeding and 15-20 lbs./acre for broadcast or hydro seeding. The Division can provide assistance in developing reclamation seed mixes if requested).

d) Seeding Method

Describe method of planting the seed.
The Division recommends planting the seed with a rangeland or farm drill. If broadcast seeding, harrow or rake the seed 1/4 to ½ inch into the soil. Fall is the preferred time to seed.

e) Fertilization

Describe fertilization method, type(s) and application rate (if needed).

f) Other Revegetation Procedures

Please describe other reclamation procedures, such as mulching, biosolids application, irrigation, hydroseeding, etc., that may be planned.

VIII. **Rule R647-4-112 VARIANCE** No Variance Required

The Permittee / Operator may request a variance from Rules R647-4-107 (Operation Practices), R647-4-108 (Hole Plugging), and R647-4-111 (Reclamation Practices) by submitting the following information:

1.11 the rule(s) which a variance is requested from; (rule number and content)

1.12 a description of the specific variance requested and a description of the area affected by the variance request; show this area on the Reclamation Treatments Map(s).

1.13 justification for the variance;

1.14 alternate methods or measures to be utilized in the variance area.

Variance requests are considered on a site-specific basis. For each variance requested, attach a narrative which addresses the four items listed above.

IX. **Rule R647-4-113 - SURETY**

A Reclamation surety must be provided to the Division prior to final approval of this application. In calculating this amount, include the following major tasks:

1) Clean-up and removal of structures.
2) Backfilling, grading and contouring.

3) Soil material redistribution and stabilization.
4) Revegetation (preparation, seeding, mulching).
5) Safety gates, berms, barriers, signs, etc.
6) Demolition, removal or burial of facilities/structures, regrading/ripping of facilities areas.
7) Regrading, ripping of waste dump tops and slopes.
8) Regrading/ripping stockpiles, pads and other compacted areas.
9) Ripping pit floors and access roads.
10) Drainage reconstruction.
11) Mulching, fertilizing and seeding the affected areas.
12) General site clean up and removal of trash and debris.
13) Removal/disposal of hazardous materials.
14) Equipment mobilization.
15) Supervision during reclamation.

To assist the Division in determining a reasonable surety amount, please attach a reclamation cost estimate which addresses each of the above steps. The areas and treatments included in the reclamation treatments map should correspond with items included in the reclamation cost estimate. The reclamation costs used by the Division must be third party costs.

X. PERMIT FEE [Mined Land Reclamation Act 40-8-7(i)]

The Utah Mined Land Reclamation Act of 1975 [40-8-7 (I)] provides the authority for the assessment of permitting fees. Commencing with the 1998 fiscal year (July 1 - June 30), **and revised July 1, 2002,** annual permit fees are assessed to new and existing notices of intention and annually thereafter until the project disturbances are successfully reclaimed by the Permittee / Operator and released by the Division.

Large mining permits require an initial submission fee and annual fee of $500.00 for surface disturbance of 50 or less acres, or a $1,000.00 fee for surface disturbance greater than 50 acres (see page six Section III, Rule R647-4-106.3 for estimated disturbance calculation). The appropriate fee MUST accompany this application or it cannot be processed by the Division.

PLEASE NOTE: If you are expanding from a small mining operation to a large mining operation, the appropriate large mine permit fee, less the annual $150.00 small mine fee (if already paid) MUST accompany this application.

XI. SIGNATURE REQUIREMENT

I hereby certify that the foregoing is true and correct. **(Note: This form must be signed by the owner or officer of the company/corporation who is authorized to bind the company/corporation).**

Signature of Permittee / Operator/Applicant: _____

Name (typed or print): DAVID NICOLSON

Title/Position (if applicable): PRESIDENT

Date: 4/24/03

PLEASE NOTE:

Section 40-8-13(2) of the Mined Land Reclamation Act provides for maintenance of confidentiality concerning certain portions of this report. Please check to see that any information desired to be held confidential is so labeled and included on separate sheets or maps.

Only information relating to the location, size or nature of the deposit may be protected as confidential.

Confidential Information Enclosed: ( ) Yes (X) No

Attachment I

Vegetation Cover Sampling

Vegetation cover sampling determines the amount of ground that is covered by live vegetation. It is divided into four categories which equal 100 percent. They are:

Vegetation - This is the live perennial vegetation. Care should be taken to avoid sampling in disturbed areas that have a large percentage of annual or weedy vegetation, such as cheatgrass and russian thistle.

Litter - This is the dead vegetation on the ground, such as leaf and stem litter.

Rock/rock fragments - This is the rock and rock fragments on the soil surface.

Bare ground - This is the bare soil which is exposed to wind and water erosion.

Cover Sampling - The following methods are acceptable:

Ocular Estimation

This method visually estimates the percentage of ground covered in a plot by the four components. Plot size is usually a meter or yard square or a circular plot 36 inches in diameter. Ten to twenty plots should be randomly sampled in each major vegetation type.

Line Intercept

Percent ground cover is obtained by stretching a tape measure (usually 100') over the ground and then recording which of the four components is under each foot mark. At least ten of these transects should be randomly laid out and measured in each major vegetation type.

Soil Survey and Sampling Methods

If a Natural Resource Conservation Service or land management agency soil survey is not available, the Permittee / Operator shall delineate all soil types that will be disturbed by mining on a map. Each soil type shall be sampled for its characteristics and inherent properties. Representative sampling locations should have similar geologic parent material, slopes, vegetative communities and aspects. The sampling locations should be representative of the soil type and be identified on the map. Sampling shall be at a minimum of one for each soil type disturbed.

The soil map needs to be of sufficient scale so that each soil type can be accurately located on the ground.

USU ANALYTICAL LABORATORIES

Soil Test Report and Fertilizer Recommendations

USU Analytical Labs
Utah State University
Logan, Utah 84322-4830
(435) 797-2217
(435) 797-2117 (FAX)
www.usual.usu.edu

Date Received: 3/31/2008
Date Completed: 4/7/2008

Name: JARED NICOLSON
Address: PO BOX 311

MT PLEASANT UT 84647

Phone: 801 885 0409
County: SANPETE

Lab Number: 8010459 Grower's Comments: Acres in Field:

Identification:

Crop to be Grown: Reclamation

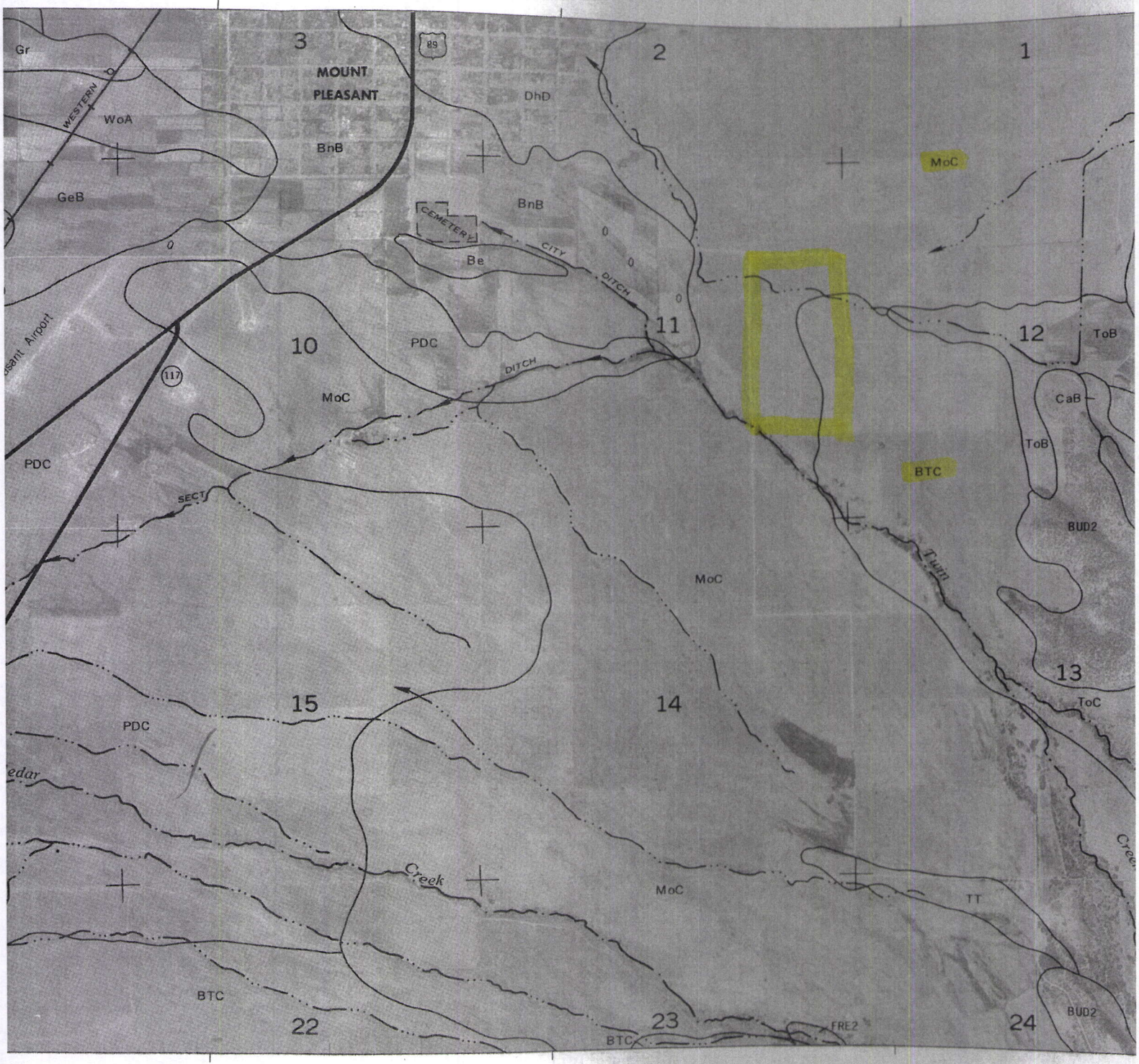
Soil Test Results			Interpretations	Recommendations
Texture		Sandy Loam		
pH		7.14	Normal	
Salinity - ECe	dS/m	0.42	Normal	
Phosphorus - P	mg/kg	11.3	Marginal	0-30 lbs P2O5/A
Potassium - K	mg/kg	140	Adequate	0 lbs K2O/A
Nitrate-Nitrogen - N	mg/kg	4.03		24-44 lbs N/A
Zinc - Zn	mg/kg			
Iron - Fe	mg/kg			
Copper - Cu	mg/kg			
Manganese - Mn	mg/kg			
Sulfate-Sulfur - S	mg/kg			
Organic Matter	%			
SAR				

Notes

For further assistance, please see your County Agent -- Matt Palmer - 283-7597
For further information and publications of interest, see the
USU Analytical Lab webpage or Utah State University Extension

Methods Used by USUAL: pH + EC (salinity) + SAR by saturated paste, P + K by Olsen sodium bicarbonate extract – K by AA, P by ascorbic acid/molybdate blue colorimetric, NO3-N by CaO extract + cadmium reduction; Zn, Fe, Cu, Mn by DTPA + ICP; SO4-S by CaHPO4 + ICP; OM by Walkley-Black
Results only reflect the sample received and may not be indicative of actual field conditions

SANPETE VALLEY AREA, UTAH, PARTS OF UTAH AND SANPETE COUNTIES — SHEET



1 ¾ ½ ¼ 0 1

5 000 4 000 3 000 2 000 1 000 0 Scale 1:24 000 5 000 Feet

SOIL LEGEND

The first letter, always a capital, is the initial one of the map if the map unit is one of the low intensity survey; otherwise, always a capital, A, B, C, D, E, F, G, or H, shows the slope. M are those of nearly level slopes, but some are for land types slope. A final number, 2, in the symbol shows that the sc

SYMBOL		NAME
High Intensity	Low Intensity	
Aa	–	Abcal silty clay loam
Ab	–	Abcal silty clay loam, strongly saline
Ac	–	Abcal-Cache complex
–	ADG	Adel silt loam, 40 to 80 percent slopes
–	AEE	Amtoft flaggy loam, 8 to 30 percent slopes
–	AFG2	Amtoft-Rock outcrop complex, 30 to 60 percent slopes, eroded
Ag	–	Anco silty clay loam
–	AHD	Ant Flat stony loam, 8 to 25 percent slopes
–	AHE2	Ant Flat stony loam, 25 to 40 percent slopes, eroded
AkC	–	Ant Flat loam, low rainfall, 4 to 8 percent slopes
–	ALD	Ant Flat-Borvant complex, 4 to 25 percent slopes
AmB	–	Arapien fine sandy loam, 1 to 2 percent slopes
AmC2	–	Arapien fine sandy loam, 2 to 5 percent slopes, eroded
AmD2	–	Arapien fine sandy loam, 5 to 10 percent slopes, eroded
AnB	–	Arapien fine sandy loam, saline-alkali, 1 to 2 percent slopes
AoB	–	Arapien fine sandy loam, wet, 1 to 2 percent slopes
ApC2	–	Arapien clay loam, gravelly subsoil, 2 to 5 percent slopes, eroded
–	ARD	Arapien-Calita complex, 2 to 15 percent slopes
–	ASE2	Atepic shaly loam, 10 to 30 percent slopes, eroded
–	ATF	Atepic very cobbly silty clay loam, 8 to 40 percent slopes
–	AUF	Atepic clay loam, red variant-Rock outcrop complex, 30 to 50 percent slopes
–	AV	Atepic-Badland association
–	BA	Badland
–	BCE	Bagard very stony clay loam, 10 to 40 percent slopes
–	BDE	Bagard-Sanpitch complex, 8 to 40 percent slopes
Be	–	Beek silty clay loam
–	BFD	Bezzant cobbly loam, 4 to 25 percent slopes
–	BGE	Bezzant stony loam, 25 to 40 percent slopes
–	BH	Bezzant-Gappmayer-Rock land association, very steep
Bm	–	Billings silty clay loam
BnB	–	Birdow very fine sandy loam, 2 to 4 percent slopes
BnC	–	Birdow very fine sandy loam, 4 to 8 percent slopes
BoB	–	Birdow silt loam, 2 to 4 percent slopes
–	BRD2	Borvant cobbly loam, 8 to 25 percent slopes, eroded
–	BSE2	Borvant-Bagard complex, 10 to 40 percent slopes, eroded
–	BTC	Borvant-Doyce complex, 2 to 10 percent slopes
–	BUD2	Borvant-Lodar complex, 8 to 25 percent slopes, eroded
–	BVG	Bradshaw very stony loam, 60 to 80 percent slopes
CaB	–	Calita loam, 2 to 4 percent slopes
CaC	–	Calita loam, 4 to 8 percent slopes
Cb	–	Canburn silty clay loam
CcB	–	Centerfield silty clay loam, 1 to 2 percent slopes
CcC2	–	Centerfield silty clay loam, 2 to 5 percent slopes, eroded
–	CDG	Cheadle very flaggy silt loam, 40 to 70 percent slopes
Ch	–	Chipman silty clay loam
Cm	–	Chipman complex
–	CNC	Clegg loam, 3 to 10 percent slopes
CoC	–	Collard gravelly sandy loam, 4 to 8 percent slopes
–	CRD	Collard stony sandy loam, 4 to 20 percent slopes
CsC	–	Crestline fine sandy loam, 2 to 5 percent slopes
–	CU	Cryoborolls
–	DAG	Daybell gravelly silt loam, 40 to 70 percent slopes
–	DBG	Daybell-Flygare association, very steep
–	DCD	Deer Creek stony silt loam, 6 to 30 percent slopes
–	DED	Deer Creek stony silt loam, high rainfall, 6 to 25 percent slopes
–	DEE	Deer Creek stony silt loam, high rainfall, 25 to 40 percent slopes
–	DFF	Deer Creek-Mower complex, 25 to 50 percent slopes
DgC	–	Denmark gravelly loam, 2 to 5 percent slopes
DhD	–	Donnardo cobbly loam, 4 to 16 percent slopes
–	DKD	Donnardo very stony loam, 4 to 16 percent slopes
–	DLD	Donnardo bouldery loam, 4 to 16 percent slopes
DoB	–	Doyce loam, 2 to 4 percent slopes
DoC	–	Doyce loam, 4 to 8 percent slopes
DrB	–	Doyce loam, wet, 2 to 4 percent slopes
Ds	–	Dyreng silty clay
Dy	–	Dyreng silty clay, strongly saline
Ep	–	Ephraim silty clay loam
–	FN	Fluvaquents
–	FOD	Fontreen cobbly loam, 4 to 20 percent slopes
–	FRE2	Fontreen very cobbly loam, 20 to 40 percent slopes, eroded
–	FRG2	Fontreen very cobbly loam, 40 to 70 percent slopes, eroded
–	FSD2	Fontreen-Borvant complex, 4 to 25 percent slopes, eroded
–	FTD	Freedom-Amtoft complex, 2 to 30 percent slopes

SYMBOL		NAME
High Intensity	Low Intensity	
GeB	–	Genola loam, 0 to 2 percent slopes
GeC2	–	Genola loam, 2 to 5 percent slopes, er
GeD2	–	Genola loam, 5 to 10 percent slopes, e
GkB	–	Genola loam, 0 to 2 percent slopes
–	GOF2	Gothic stony loam, 25 to 40 percent sl
Gr	–	Green River loam
Gu	–	Gullied land
Ha	–	Harding silt loam
–	HED	Harkers silt loam, 6 to 25 percent slop
–	HKE	Harkers stony silt loam, 25 to 40 perc
KcB	–	Keigley silty clay loam, 2 to 4 percent
–	KEG	Kitchell gravelly loam, 40 to 70 percer
–	KM	Kitchell-Mower association
Kp	–	Kjar peaty silt loam
LdB	–	Linoyer very fine sandy loam, 1 to 2 p
LdC2	–	Linoyer very fine sandy loam, 2 to 5 p
LeB	–	Lisade loam, 1 to 2 percent slopes
LeC2	–	Lisade loam, 2 to 5 percent slopes, er
–	LFC2	Lisade-Sanpete complex, 2 to 5 perce
–	LGE	Lizzant very cobbly loam, 20 to 40 per
–	LHD	Lizzant stony loam, 4 to 20 percent sl
–	LKG	Lizzant very stony loam, 40 to 60 perc
–	LLE	Lizzant-Clegg complex, 3 to 40 percer
–	LMF	Lizzant-Mower complex, 25 to 60 perc
–	LNE	Lizzant-Sedwell complex, 5 to 40 perc
–	LOF	Lizzant-Kitchell association, steep
–	LRE	Lodar very chwnnery loam, 8 to 40 pe
–	LSG	Lodar-Fontreen complex, 40 to 70 per
–	LTE	Lodar-Rock outcrop complex, 8 to 40
–	LTG	Lodar-Rock outcrop complex, 40 to 7(
–	LUE	Lundy channery silt loam, 5 to 40 per
–	MA	Manassa-Mellor complex
MbC	–	Manila loam, 3 to 10 percent slopes
McB	–	Mayfield shaly loam, 2 to 5 percent sl
McB2	–	Mayfield shaly loam, 2 to 5 percent sl
Md	–	Mellor silt loam
Me	–	Mellor silt loam, leached surface
MfC	–	Moroni silty clay, 2 to 8 percent slope
–	MGD	Moroni-Atepic complex, 2 to 30 perce
–	MHG	Mortenson silt loam, 40 to 70 percent
–	MkG	Mortenson-Skylick association, very st
–	MLD	Mortenson fine sandy loam, thin solum
MmC	–	Mountainville very stony sandy loam,
MnC	–	Mountainville very stony loam, cool, 3
MoC	–	Mountainville-Doyce complex, 2 to 8 p
MrD	–	Mountainville cobbly fine sandy loam, h
–	MSD	Mower clay loam, 5 to 30 percent slop
–	MTD	Mower stony clay loam, 5 to 30 perce
–	MUF2	Mower very stony loam, 25 to 50 perc
–	MVE	Mower-Lundy complex, 5 to 40 percer
ObC	–	Obrast clay loam, low rainfall, 2 to 8 p
–	OCD	Obrast silty clay, 4 to 25 percent slop
–	ODD	Obrast silty clay, shale substratum, 8
PaC	–	Pavant loam, 4 to 8 percent slopes
–	PDC	Pavant-Doyce complex, 2 to 8 percen
Pe	–	Peteetneet peat
Pg	–	Poganeab silt loam
Ph	–	Poganeab silt loam, strongly saline-all
Pk	–	Poganeab silt loam, high lime variant
–	PRF	Pritchett stony fine sandy loam, 30 to
–	PTE	Pritchett silt loam, 20 to 40 percent s
QkB	–	Quaker silty clay loam, 1 to 2 percent
QkC	–	Quaker silty clay loam, 2 to 5 percent
Qm	–	Quaker and Mellor soils
RaC	–	Rapho gravelly fine sandy loam, 2 to
RaD	–	Rapho gravelly fine sandy loam, 5 to
RIB	–	Ravola loam, 1 to 2 percent slopes
RIC	–	Ravola loam, 2 to 5 percent slopes
RIC2	–	Ravola loam, 2 to 5 percent slopes, e
–	RO	Rockland

110.5 – Revegetation Planting Program and Topsoil Redistribution

a) Soil Material Replacement

The 1.5 to 2 feet of top soil that was taken off and stock piled during rock mining activities will be evenly redistributed on the field and tilled or rolled to produce a firm, non-compacted, weed free seedbed. All rock over 6 inches in diameter will be buried to ensure a smooth seed bed. Areas with less than 6 inches of top soil will be amended with compost. These areas will be covered with 2 inches of compost and tilled to a 6 inch depth.

b) Seed Bed Preparation

The seed bed will be prepared by utilizing a disc or ripper to loosen the soil in heavily compacted areas and a roller to improve compaction in areas that have very loose soils. Chemical methods will be used to control all weeds to ensure a weed free seedbed.

c) Seed Mixture

Species Name	**Common Name**	**Seeding Rate (lb of pure live seed /acre)**
Agropyron desertorum	Crested wheatgrass	3
Thinopyrum intermedium	Intermediate wheatgrass	4
Psathyrostachys juncea	Russian wildrye	3
Kochia prostrata	Forage Kochia	1
Medicago sativa	Alfalfa (Ladak)	1
Onobrychis viciifolia	Sainfoin	2

d) Seed Application

Seed will be mixed and drilled with a range drill between October 17th and November 17th with the exception of forage kochia. Forage kochia seed will be broadcasted on top of snow between December 1st and February 1st.

e) Fencing and Grazing

A cross fence will be constructed on the east side of the field to restrict livestock from grazing for 2 seasons.

f) Cost Estimates

Rangeland seed: $60/acre * 75 acres = $4500
Range drill: $4/acre *75 acres = $300
Tractor: $17/acre * 75 acres = $1275
Fence: 1375ft * $1.82/ft = $2500

Weed control: $51/acre * 75 acres = $3825
Follow up weed control: $8/acre * 75 acres = $600
Compost = $1000

Grand total for range revegetation: $187/acre * 75 acres = $14,000

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Wildlife Resources

JAMES F. KARPOWITZ
Division Director

May 1, 2008

Jared Nicolson
Nicolson Construction
P.O. Box 946
Orem, UT 84059

Subject: Species of Concern, Sanpete County, Utah

Dear Jared Nicolson:

I am writing in response to your request regarding information on species of special concern proximal to the property located in Section 11, Township 15 South, Range 4 East SLB&M in Sanpete County, Utah.

The Utah Division of Wildlife Resources (UDWR) does not have records of occurrence for any threatened, endangered, or sensitive species within the project area noted above or within a one-mile radius.

The information provided in this letter is based on data existing in the Utah Division of Wildlife Resources' central database at the time of the request. It should not be regarded as a final statement on the occurrence of any species on or near the designated site, nor should it be considered a substitute for on-the-ground biological surveys. Moreover, because the Utah Division of Wildlife Resources' central database is continually updated, and because data requests are evaluated for the specific type of proposed action, any given response is only appropriate for its respective request.

In addition to the information you requested, other significant wildlife values might also be present on the designated site. Please contact UDWR's habitat manager for the central region, Ashley Green, at (801) 491-5654 if you have any questions.

Please contact our office at (801) 538-4759 if you require further assistance.

Sincerely,

Sarah Lindsey

Sarah Lindsey
Information Manager
Utah Natural Heritage Program

cc: Ashley Green, CRO

1594 W. North Temple, Suite 2110, PO Box 146301, Salt Lake City, UT 84114-6301
telephone (801) 538-4700 • facsimile (801) 538-4709 • TTY (801) 538-7458 • *www.wildlife.utah.gov*

UTAH DNR WILDLIFE RESOURCES

Mining Operators Information Update Sheet

Date of Update: _____

General Information:

1. **Name of Mine:**
2. **Operator/Applicant:** _____
3. **Permanent Address:** _____
4. **City:** _____
5. **Main Telephone #:** _____
6. **Fax #** _____
7. **Cell #** _____
8. **Email Address:** _____
9. **Site Inspection Contact Person/#:** _____
10. **Bonding-** _____
    Permitting- _____

Additional Relevant Information-

Mining Operators Information Update Sheet

Date of Update: _____

General Information:

1. **Name of Mine:** _____
2. **Operator/Applicant:** _____
3. **Permanent Address:** _____
4. **City:** _____
5. **Main Telephone #:** _____
6. **Fax #** _____
7. **Cell #** _____
8. **Email Address:** _____
9. **Site Inspection Contact Person/#:** _____
10. **Bonding-** _____
    Permitting- _____

Additional Relevant Information-

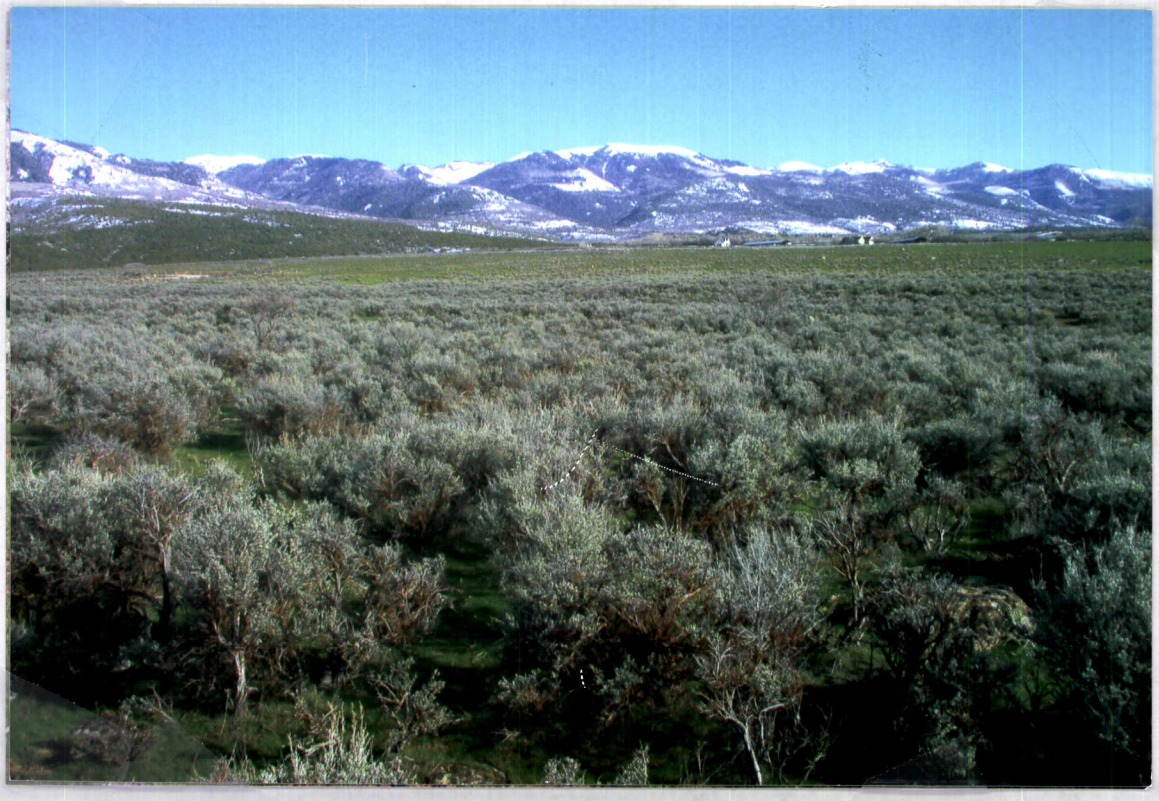
Mining Operators Information Update Sheet

Date of Update: _____

General Information:

1. **Name of Mine:**
2. **Operator/Applicant:** _____
3. **Permanent Address:** _____
4. **City:** _____
5. **Main Telephone #:** _____
6. **Fax #** _____
7. **Cell #** _____
8. **Email Address:** _____
9. **Site Inspection Contact Person/#:** _____
10. **Bonding-** _____
    Permitting- _____

Additional Relevant Information-



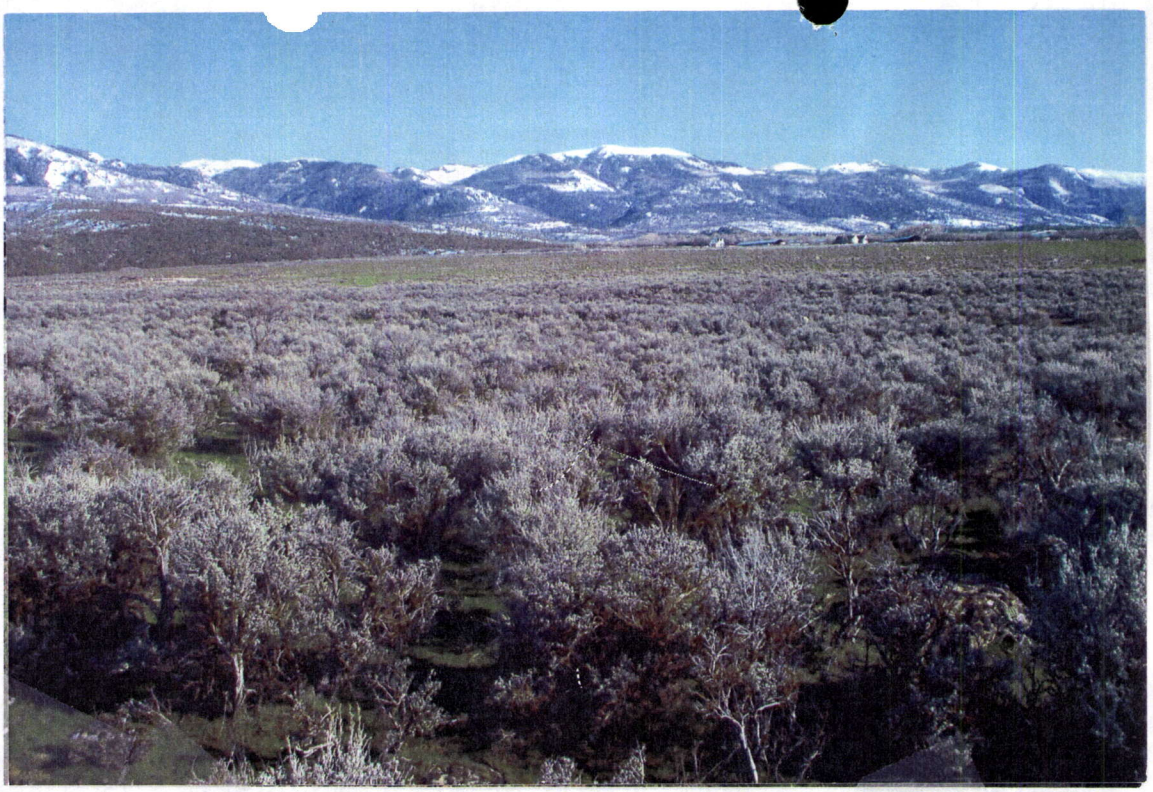
Mining Operators Information Update Sheet

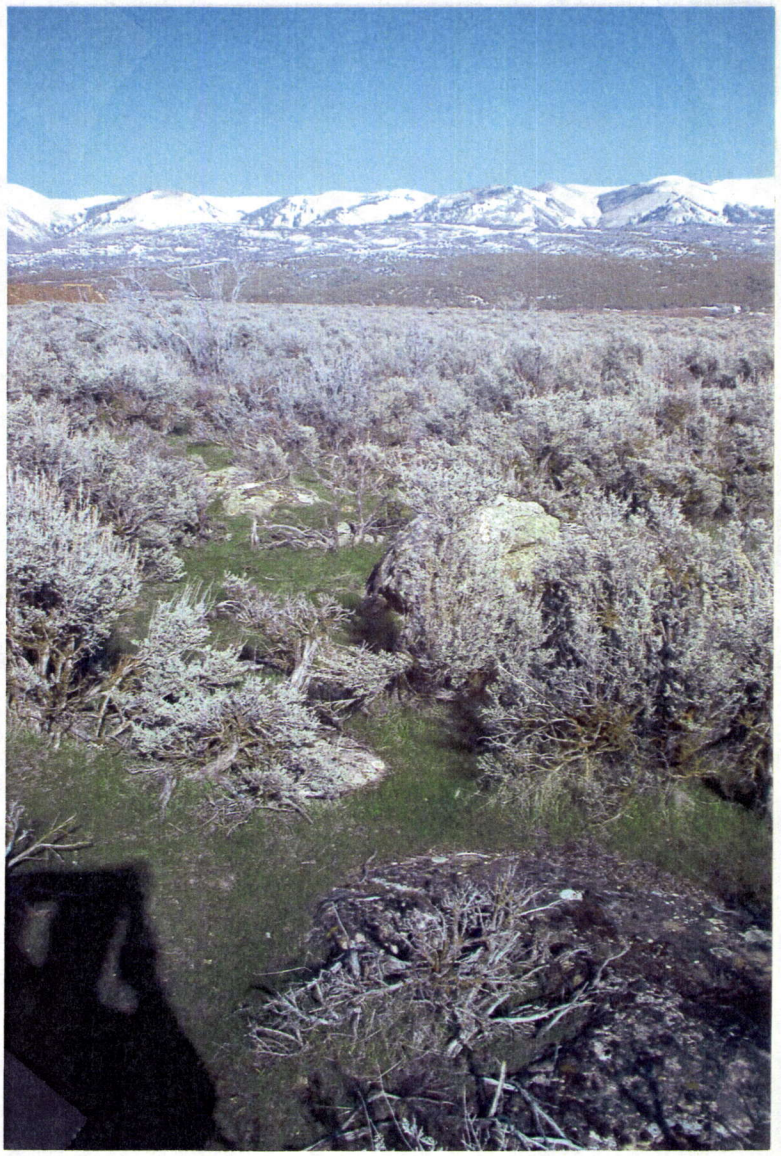
Date of Update: _____

General Information:

1. **Name of Mine:** _____
2. **Operator/Applicant:** _____
3. **Permanent Address:** _____
4. **City:** _____
5. **Main Telephone #:** _____
6. **Fax #** _____
7. **Cell #** _____
8. **Email Address:** _____
9. **Site Inspection Contact Person/#:** _____
10. **Bonding-** _____
    Permitting- _____

Additional Relevant Information-





Mining Operators Information Update Sheet

Date of Update: _____

General Information:

1. **Name of Mine:**
2. **Operator/Applicant:** _____
3. **Permanent Address:** _____
4. **City:** _____
5. **Main Telephone #:** _____
6. **Fax #** _____
7. **Cell #** _____
8. **Email Address:** _____
9. **Site Inspection Contact Person/#:** _____
10. **Bonding-** _____
    Permitting- _____

Additional Relevant Information-